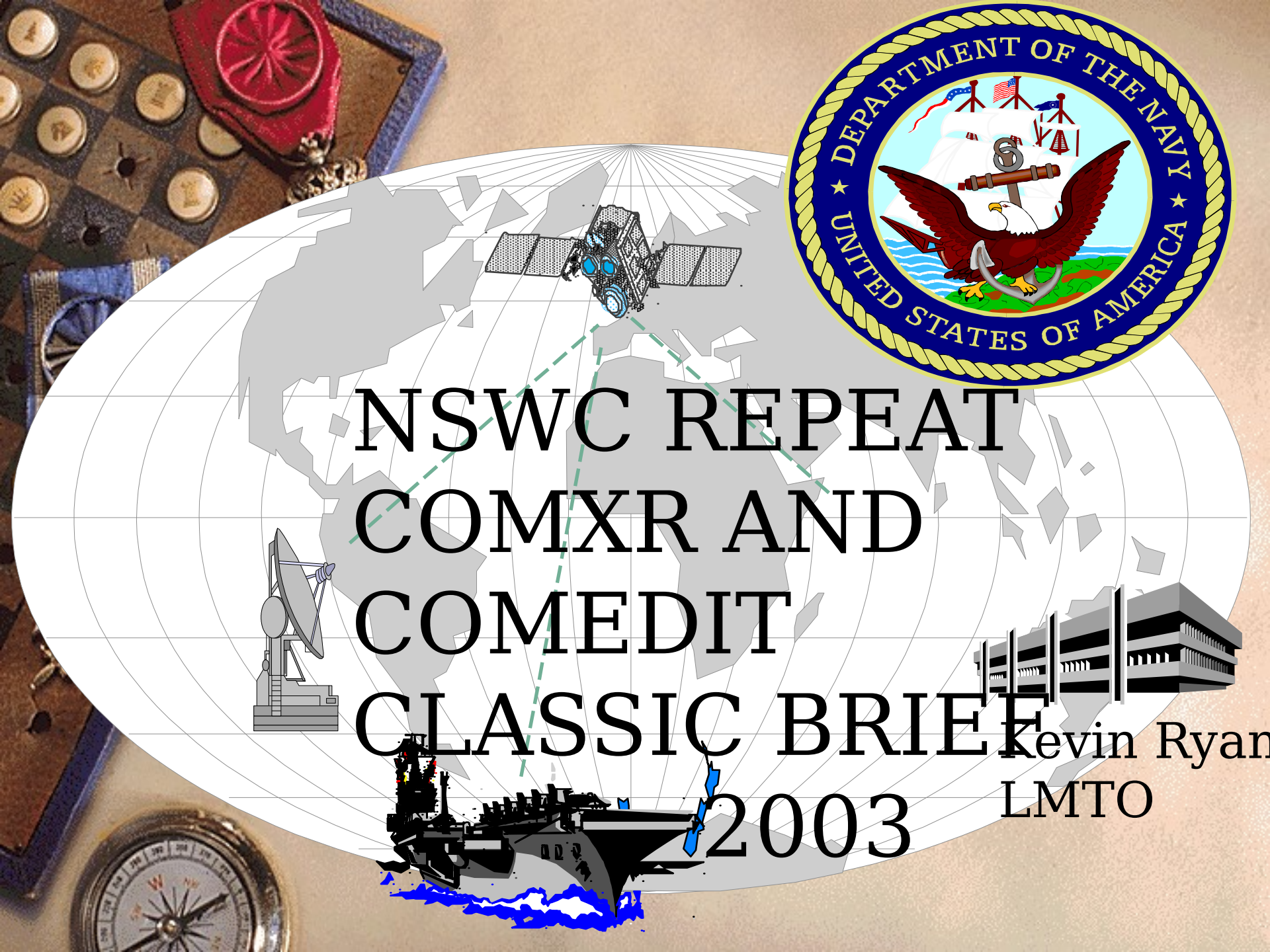


NSWC REPEAT COMXR AND COMEDIT CLASSIC BRIEF 2003

Kevin Ryan
LMTO

REPEAT PROGRAM

PASSIVE RECORDING

- MULTIPLE LINES OF ASYNCHRONOUS, SOCKET AND SPECIAL SYNCHRONOUS DATA
- DATA TIME TAGGED CONTINUOUSLY
- RECORDS BOTH DATA LINKS AND FORMATTED MESSAGES
- SHOULD NOT BE RUN IN WINDOWS 2000 OR AS ACTIVE WINDOW IN WINDOWS 98

RECORDING HISTORY

- AIR
  - P3,E3,S3, ARMY BLACKHAWK, B52
- SURFACE
  - CARRIER,CRUISERS,DESTROYERS, AMPHIBIOUS, AUSCANNZUKUS
- SUBSURFACE
  - SSN ATTACK
- HEADQUARTERS
  - CINC, NUMBERED FLEET, AIR FORCE, ARMY

REPEAT PROGRAM

PORT CONFIG

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

COMXR - Version 2003
* * * * * DOD CONTROLLED SOFTWARE * * * * *
UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED

Current Hardware Settings

LINE#	UART CHIP	PORT ADR	INTERRUPT#
1.	No	0	
2.	No	0	
3.	No	0	
4.	No	0	

If this configuration is Ok, Press ENTER or ESC. Line is not set if the PORT ADR is "0".
To change a line, enter the LINE#:
Above values taken from file "COMXR.LCF"

HELP

Serial IO is accomplished by installing a COM port on the main bus for each data line. Each COM port is serviced by a chip called a UART and has its own PORT ADDRESS and INTERRUPT number. The UART's model number at each PORT ADDRESS is shown above. Hardware configuration is automatically saved/restored from a file named "COMXR.LCF". If file is missing, default values are used. You may change values for PORT ADR and INTERRUPT#.

PORT CONFIG SETTINGS

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
                COMXR -   Version 2003
* * * * * DOD CONTROLLED SOFTWARE * * * * *
UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED
          Current Hardware Settings
 LINE#  UART CHIP   PORT ADR   INTERRUPT#

   1.     16450       3F8          4
   2.        No       0
   3.        No       0
   4.        No       0

If this configuration is Ok, Press ENTER or
ESC. Line is not set if the PORT ADR is "0".
To change a line, enter the LINE#:      1
```

```
                    HELP
Recommended COM port intr/addr combinations for motherboard and aux board
   Motherboard (intr/addr/COM) :  3/2F8/COM2, 4/3F8/COM1
   Auxiliary Board (intr/addr) :  3/3E8,  4/290,  5/180,  7/2E8,
                                  10/3E8, 11/2E8, 12/290, 15/180
Only one interrupt per address. Other intr/addr combinations allowed.
Valid intr are 3,4,5,7,10,11,12,15. Valid addr between "100" and "3F8".
```

CONFIGURING RECORD

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
Disk Space: C:1023M                                        TOR: 12/06:55:38.2
 Serial 1 IDLE      Bytes=0          TimeErr=0      FrameErr=0      ParityErr=0
```

Config/Line	1	IDLE
Direction		RECORD
File		
Baud Rate		4800
Word Size		8
Encoding		ASCII
Parity		NONE
Stop Bits		1
Comment		
Xon/Xoff		n/a
Mode		n/a
User Time		n/a
Size		n/a
File Start		n/a
File End		n/a
First Char		n/a

```
COMMAND:_
RECORD  REPLAY  STOP  CON  DL  DC  TIME  QUIT  RESET  P  R  DOS  SOUND
```

CONFIGURING BAUD RATE

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
Disk Space: C:1023M                                          TOR: 01/16:22:32.5
 Serial 1 IDLE      Bytes=0          TimeErr=0      FrameErr=0      ParityErr=0
```

Config/Line	1	IDLE
Direction		RECORD
File		DATA.TDF
Baud Rate		4800
Word Size		8
Encoding		ASCII
Parity		NONE
Stop Bits		1
Comment		
Xon/Xoff		n/a
Mode		n/a
User Time		n/a
Size		n/a
File Start		n/a
File End		n/a
First Char		n/a

```
COMMAND:
50 75 110 134.5 150 300 600 1200 1800 2000 2400 3600 4800 7200 9600 19200
```

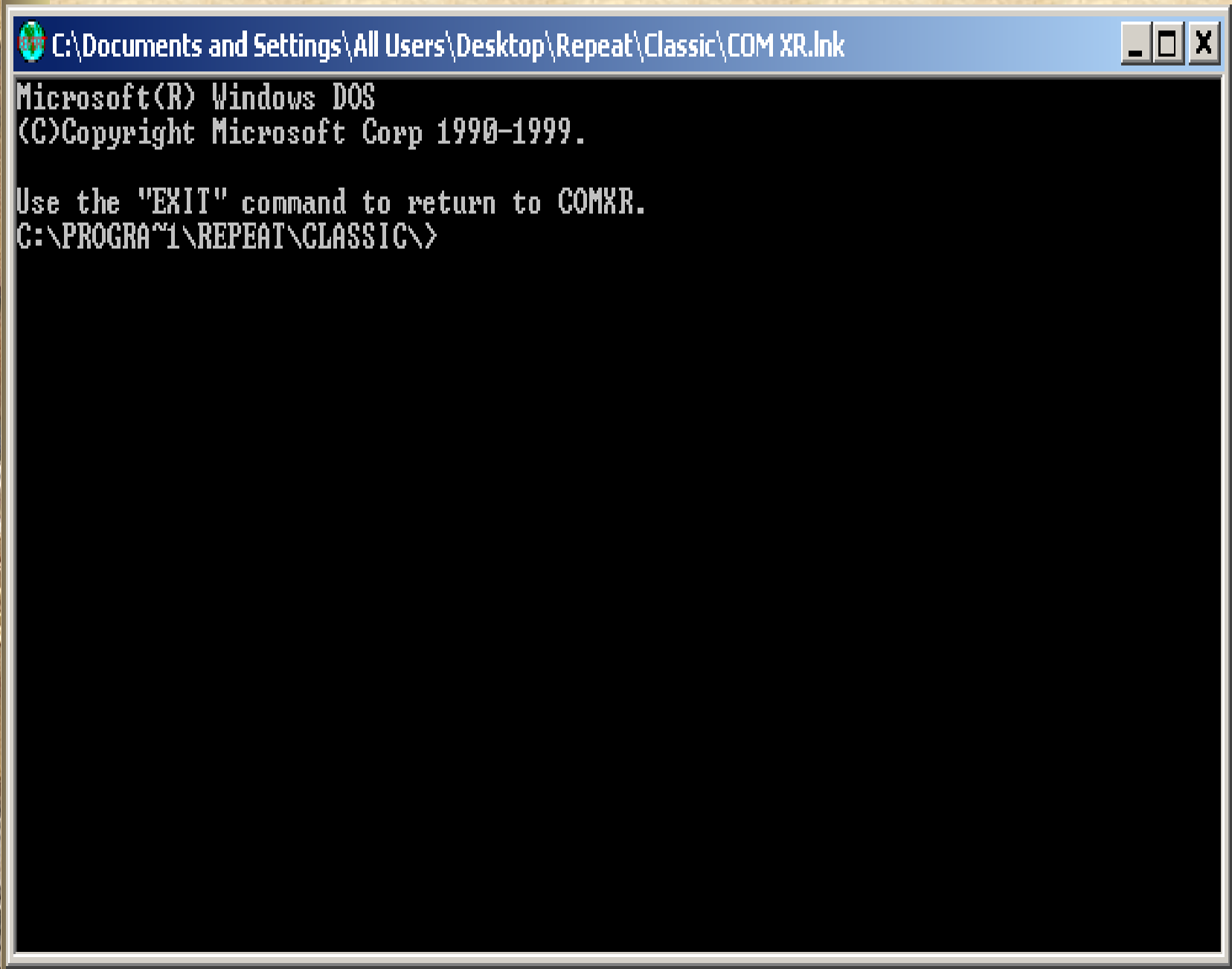
SETTING TIME/VIEW DATA

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
Disk Space: C:1023M                                    TOR: 01/16:24:16.5
 Serial 1 IDLE     Bytes=0        TimeErr=0     FrameErr=0     ParityErr=0
```

```
COMMAND:Invalid time format. Correct format is TI dd/hh:mm:ss.t
RECORD  REPLAY  STOP  CON  DL  DC  TIME  QUIT  RESET  P  R  DOS  SOUND
```

DOS WHILE RECORD


C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk
Microsoft(R) Windows DOS
(C)Copyright Microsoft Corp 1990-1999.
Use the "EXIT" command to return to COMXR.
C:\PROGRA~1\REPEAT\CLASSIC\>

REPLAY STIMULATION

- RE-CREATION OF PREVIOUSLY RECORDED EVENTS
  - REPLAY FUNCTIONS OF XR PROGRAM
- INJECTION OF SYNTHETIC DATA TO C^4 PROCESSORS
  - OPERATOR SELECTABLE SPEED AND PACE
- CAN CONTROL DATA FLOW IN REPLAY MODE
  - SUPPORTS CONTROLLED TESTING

REPEAT PROGRAM

CONFIGURING REPLAY

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
Disk Space: C:1023M                                        TOR: 02/08:43:12.5
 Serial 1 IDLE      Bytes=0          TimeErr=0      FrameErr=0      ParityErr=0


 Config/Line  |  1  |  IDLE
 -------------+-----+-------------------------------------------
  Direction                                          RECORD
  File                                          Direction
  Baud Rate                                       RECORD
  Word Size                                       REPLAY
  Encoding
  Parity                                             NONE
  Stop Bits                                             1
  Comment
  Xon/Xoff                                            n/a
  Mode                                                n/a
  User Time                                           n/a
 -------------------------------------------------------------
  Size                                                n/a
  File Start                                          n/a
  File End                                            n/a
  First Char                                          n/a
 Use arrow keys to move to desired item. Press enter to select item.
RECORD  REPLAY
```

CHOOSING A FILE

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
Disk Space: C:1023M                                        TOR: 02/08:43:44.0
 Serial 1 IDLE      Bytes=0         TimeErr=0      FrameErr=0      ParityErr=0

                          Enter the file name
 C:\PROGRA~1\REPEAT\CLASSIC\\*.*
 F1=HELP  ESC=NoValue

  Direction          REPLAY
  File
  Baud Rate          4800
  Word Size             8
  Encoding           ASCII
  Parity              NONE
  Stop Bits              1
  Comment
  Xon/Xoff              NO
  Mode                CGAP
  User Time  01/00:00:00.0

  Size                 n/a
  File Start           n/a
  File End             n/a
  First Char           n/a
 ERROR: File does not exist. You may use wild cards for file selection menu.
```

CHOOSING A MODE

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

Disk Space: C:1023M TOR: 02/08:45:46.6

Serial 1 IDLE Bytes=0 TimeErr=0 FrameErr=0 ParityErr=0

Config/Line	1	IDLE
Direction		REPLAY
File		GF200S2X.TDF
Baud Rate		9600
Word Size		8
Encoding		ASCII
Parity		NONE
Stop Bits		1
Comment		
Xon/Xoff		NO
Mode		CGAP
User Time	01/00:0	
Size		
File Start	03/08:0	
File End	03/08:0	
First Char	03/08:0	

Mode
CGAP
ORIG
USER
AGAP

Use arrow keys to move to desired item. Press enter to select item.

CGAP ORIG USER AGAP

VIEW A REPLAY FILE

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
Disk Space: C:1023M                                          TOR: 02/08:48:53.5
 Serial 1 TRANSMIT Bytes=14490    TimeErr=2     FrameErr=0     ParityErr=0
NNNN
ORCE/SQD/ARM/SPFORCE/UK/22///RPT0000003086
/3
JPOS/030754Z9/JUL/341739.5N2/0775611.15W3/OTH/197T/1NM/1NM/111.7T/.2K
JUNIT/T3087/UK SF LYNX 4/SPFORCE/SQD/ARM/SPFORCE/UK/22///RPT0000003087M 112/SPF
ORCE/SQD/ARM/SPFORCE/US/22
///RPT0000003090/3
JPOS/030754Z9/JUL/350028.81N7/0815751.52W4/OTH/293.1T/1NM/1NM/259.4I
/.5K
ENDAT/DECL OADR
BT


NNNN

COMMAND:
RECORD  REPLAY  STOP  CON  DL  DC  TIME  QUIT  RESET  P  R  DOS  SOUND
```

PAUSING A FILE

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM XR.lnk

```
Disk Space: C:1023M                                          TOR: 02/08:50:45.4
 Serial 1 PAUSE    Bytes=47609    TimeErr=3     FrameErr=0     ParityErr=0
OTH/347.8I/1NM/1NM/094.9T♪♪○
/.4K♪♪○
JUNIT/T3086/UK SF LYNX 3/SPFORCE/SQD/ARM/SPFORCE/UK/22///RPT0000003086♪♪○
/3♪♪○
JPOS/030813Z5/JUL/341710.76N9/0775535.39W4/OTH/189.2T/1NM/1NM/111.7T♪♪○
/.2K♪♪○
ENDAT/DECL OADR♪♪○
BT♪♪○
○
○
○
○
○
○
○
NNNN♪♪○

COMMAND:
RECORD  REPLAY  STOP  CON  DL  DC  TIME  QUIT  RESET  P  R  DOS  SOUND
```

REPEAT PROGRAM

REPEAT EDITOR

- NORMAL EDIT FUNCTIONS
  - SEARCH AND REPLACE, DELETE, FILE
- MULTIPLE STRING SEARCHES
  - UP TO 32 SIMULTANEOUS SEARCHES
- BOOLEAN SEARCHES
  - BASED ON DESIGNED SEARCHES
- ADJUSTMENT OF DTG’S AND POSITIONS
  - BASICALLY CREATING NEW MESSAGE SET
- PREPARATIONS FOR EMULATIONS

GENERAL DESCRIPTION

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

EDITOR GENERAL DESCRIPTION

The REPEAT Editor is a full-screen editor that segments a previously recorded input stream into a series of operator-defined messages and displays start and stop times for each message. Messages are edited individually using typical word processor editing techniques. Selected data may be deleted, copied, or moved anywhere in the file. Search, Search and REplace, and Search and Replace with automated recalculation of message and contact report checksum data features are also provided. Groups of messages may be moved, copied, inserted, or deleted from anywhere in the file. The REPEAT Editor also permits limited file analysis through use of a multiple string search/retrieval algorithm. This algorithm performs up to 32 simultaneous searches of recorded data files and provides a permanent record of search results within the original file.

Edit Keys Edit Commands Help Index

COMEDIT CONFIGURATION

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
                    R E P E A T   S Y S T E M
                         COMEDIT PROGRAM
                          Version 2003
                      (NO DCP88 BOARD REQUIRED)
                  * * * DOD CONTROLLED SOFTWARE * * *
          * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

                    FILE CONFIGURATION PARAMETERS

     FILE NAME          TEMP.TDF        START-MESSAGE SEQUENCE        OTXFM
     FILE TYPE             ASCII        END OF LINE SEQUENCE      <CR><CR><LF>
     BAUD RATE              4800        TIMING MODE                     ANCHOR
     WORD SIZE                 8        MESSAGE GAP               00/00:00:00.00

ENTER FILE NAME :
Current path is:
```

COMEDIT CONFIGURRED

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
                    R E P E A T   S Y S T E M
                         COMEDIT PROGRAM
                           Version 2003
                      (NO DCP88 BOARD REQUIRED)
                  * * * DOD CONTROLLED SOFTWARE * * *
          * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

                    FILE CONFIGURATION PARAMETERS

     FILE NAME      CSALL12.TDF      START-MESSAGE SEQUENCE          ZNR
     FILE TYPE            ASCII      END OF LINE SEQUENCE     <CR><CR><LF>
     BAUD RATE             9600      TIMING MODE                   ANCHOR
     WORD SIZE                8      MESSAGE GAP           00/00:00:00.00

ENTER END OF LINE SEQUENCE :_
```

COMEDIT INITIAL VIEW

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
ZNR UUUUU
O 121600Z MAY 03
FM JWID 03
TO CAMP SMITH GCCS
BT
UNCLAS
MSGID/FIX ENEMY 1/JUNIT/0001/MAY/JWID 03
JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT0000000032/3
JPOS/121550Z4/MAY/332924.24S9/1434730.17E0/OTH/186.3T/1NM/1NM/0T/0K
JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT0000000032/3
JPOS/121550Z4/MAY/332837.2S8/1434710.14E5/OTH/291.8T/1NM/1NM/0T/0K
ENDAT/DECL OADR
BT
OOOOOOONNNN
```

COMMAND:

Message 1 Start Time 12/16:00:00.0 End time 12/16:00:00.4 CSALL12.TDF

COMEDIT HELP MENU

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

E D I T H E L P I N D E X

Edit Keys

Edit Commands

Edit General Description

OTXPM Message Header

Message Format Types

TRUE EDIT COMMANDS

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
   Edit Keys

*  F1 - Insert line/Help command      Esc - Command entry toggle
   F2 - Delete line                   Alt-H - Help command
   F3 - Split line                    Alt-D - Directory listing
   F4 - Join line                     Pgup - Show previous page in message
   F5 - Mark block                    Pgdn - Show next page in message
   F6 - Unmark block                  Ctrl-f3 - Display last command entered
   F7 - Copy marked block             Ctrl-c - Inelegant program abortion
   F8 - Delete marked block           Ctrl-Alt-Del - System reset/reboot
   F9 - Move marked block
  F10 - Delete to end of line
 HOME - Move cursor to line 1, column 1
  END - Move cursor to last line, column 1
  DEL - Delete character at cursor
  INS - Insert/replace toggle
  TAB - Move cursor to next tab stop

* - The F1 Key will insert a line when editting a message or will invoke the
    help command from the command line.


   Edit commands                                          Help Index
```

REPEAT EDIT COMMANDS

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\CDT Edit.lnk

EDIT COMMANDS

ADJDTG	- Adjust Date Time Group	M	- Move messages
ADJLL	- Adjust Lat and Long	MERGE	- Merge another file
ADJTRE	- Adjust TRE DateTimeGrp	MSN	- Renumber Message Serial Numbers
BSR	- Boolean search	N	- Go to next message
C	- Copy messages	NPI	- Insert non-printable characters
CSOM	- Change (insert) SOM	P	- Go to previous message
DEL	- Delete messages	PRINT	- Print messages
DOS	- Exit to MS DOS	QUIT	- Terminate edit session
DSL	- Define search list	READASC	- Read an ASCII file
F	- Go to first message	RESTORE	- Restore original message
FILE	- Save edit file	S	- Search/replace
FIXHDR	- Fix message headers	SC	- 'S' with checksum calculation
G	- Go to a message	SDTG	- Set time to Date-Time-Group
GOTO	- Go to time in file	SF	- Search/replace from file list
HELP	- Display help screen	SHIPNAME	- List all names & sensors in file
IA	- Insert message after	SM	- Set time mode
IB	- Insert message before	SORT	- Sort on ANCHOR times
JOIN	- Join messages	SPLIT	- Split message
L	- Go to last message	SSL	- Save search list

MORE Commands Edit Keys Help Index

REPEAT EDIT COMMANDS 2

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

EDIT COMMANDS (CONT'D)

ST	- Set message time
STRIP	- Strip non-printable characters
TRKDEL	- Add Track Deletes
UIDCODE	- Insert UID codes
UPPER	- Lower case to Upper case
VIEWTDF	- View a tdf file
VSL	- View search list
WRITEASC	- Write an ASCII file

Edit Keys Edit Commands Help Index

EXAMPLE EDIT HELP

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
 ADJDTG Command - Adjust Date-Time-Group

 Invocation - ADJDTG<cr>

This command is used to change all DTG fields within a user specified
number of messages.  It will change all DTG fields and calculate a new
checksum if necessary.  The user is also allowed to change the month
associated with the message and all month entries will be changed.
 Example:
   Prompt:                          Input:
     ENTER MESSAGE RANGE:             1,L
     ENTER ORIGINAL DTG:              010000Z
     ENTER ORIGINAL MONTH:            JUL
     ENTER NEW DTG:                   190000Z
     ENTER NEW MONTH:                 MAR
     PRESS <CR> TO EXECUTE, <TAB> TO CHANGE VALUE, <ESC> TO EXIT
The entered inputs will be displayed in the center of the screen.  If
incorrect data was entered hit <TAB> to cycle through input to correct the
error. In the example, all DTG's will be changed by 18 days and all month
entries will change from JUL to MAR.  If there are entries from other
months they will also be adjusted.
```

Edit Keys Edit commands Help Index

EXAMPLE EDIT HELP 2

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
MERGE Command - Merge another TDF file.

Invocation: MERGE File [som] <cr>

     Where: File - Specifies the tdf file to merge
            Som - Specifies an optional new start of message sequence
                  to use to segment 'File' into messages.

This command copies another TDF file to the end of the current EDIT
file. Note that all EDIT's are performed on the EDIT.TMP file; the
original TDF is left intact. See SORT command for interleaving merged
messages by arrival time.


Examples:     MERGE tape81 <cr>          Merge Tape81 to current
                                         edit file. The default SOM
                                         sequence is used.
              MERGE tape82  ZNR <cr>     Merge Tape82 to current
                                         edit file. The new SOM 'ZNR'
                                         is used to segment the new
                                         files data into messages.

Edit Keys       Edit commands                          Help Index
```

EXAMPLE EDIT HELP 3

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

UIDCODE - Insert UID codes on JUNIT and CTC lines when no UID code exists.

Invocation: UIDCODE<cr>

The UIDCODE command will create a UID code when no UID code exists. On a JUNIT line the UID code will be put in field 11. On a CTC line the UID code will be put in field 17. The lines will be extended with '/' field separators when needed. The way the UID code is created is by starting with "RPT" and then adding a nine digit number. The number will be the track number, with any leading characters removed, padded on the right with zeros. For example track T7310 would have a UID code of RPT000007310 where as track J10203 would have a UID code of RPT000010203.

Edit Keys Edit commands Help Index

OTCIXS HEADER

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

OTXFM header

Note: This is not an edit command but is an example of format headers
built with the FIXHDR command or from the STRIP programs. The
3 and 4 digit sid formats have the same header format.

3 OR 4 DIGIT SID FORMAT:

OTXFM:0012<CR><CR><LF>
TO:0013,0014,0015,0016,0101<CR><CR><LF>
IDP MSN:1000<CR><CR><LF>
TYPE:22<CR><CR><LF>
PRECEDENCE:0<CR><CR><LF>
TEXT:Y<CR><CR><LF>
ERR:OKAY<CR><CR><LF>

Edit Keys Edit commands Help Index

OTCIXS MSG FORMATS

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

MESSAGE FORMATS

2/3 DIGIT	4 DIGIT	FORMATS
00	20	ACK/NAK
01	21	MISSION DATA
02	22	OTG CONTACT REPORT
03	23	OTG OPNOTE
04	24	MISSION FOLDER UPDATE DATA
05	25	SPECIAL MISSION DATA TYPE 1
06	26	SPECIAL MISSION DATA TYPE 2
07	27	SPECIAL MISSION DATA TYPE 3
08	28	OTG PIM TRACK
09	29	FUTURE GROWTH
0A	2A	SPECIAL BROADCAST
0B	2B	GPS ALMANAC DATA
0C	2C	OTG FOTC SITUATION REPORTS
0D	2D	ROTHR SPECIAL REPORTS
0E	2E	OTG OVERLAY 1
0F	2F	OTG OVERLAY 2

List continued on Message Formats Cont screen.

Edit Keys Edit commands Message Formats Cont Help Index

OTCIXS MSG FORMATS CONT

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

MESSAGE FORMATS

Continued from Message Format Types Screen

2/3 DIGIT	4 DIGIT	FORMATS
10	30	EWRL
11	31	OTG SATELLITE
12	32	OTG GRIDDED FIELD
13	33	OTG AREA OF INTEREST FILTER
14	34	OTG GROUP TRACK
15	35	OTG QUERY/REPLY
16	36	FUTURE GROWTH
17	37	USMTF MESSAGES
18	38	OTG FORMATION
19	39	USMTF LOCATOR
1A	3A	ATO COMPRESSED
1B	3B	FUTURE GROWTH
1C	3C	USMTF TACELINT
1D	3D	SUB DATA
1E	3E	OTG DEVELOPMENTAL
1F	3F	NON OTG DEVELOPMENTAL

Edit Keys Edit commands Message Format Types Help Index

VIEWTDF FROM COMEDIT

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COMEDIT.lnk

```
12/16:00:00.00 ZNR UUUUU
12/16:00:00.00 O 121600Z MAY 03
12/16:00:00.00 FM JWID 03
12/16:00:00.00 TO CAMP SMITH GCCS
12/16:00:00.00 BT
12/16:00:00.00 UNCLAS
12/16:00:00.00 MSGID/FIX ENEMY 1/JUNIT/0001/MAY/JWID 03
12/16:00:00.10 JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT000000032/3
12/16:00:00.10 JPOS/121550Z4/MAY/332924.24S9/1434730.17E0/OTH/186.3T/1NM/1NM/0T/
12/16:00:00.20 JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT000000032/3
12/16:00:00.30 JPOS/121550Z4/MAY/332837.2S8/1434710.14E5/OTH/291.8T/1NM/1NM/0T/0
12/16:00:00.40 ENDAT/DECL OADR
12/16:00:00.40 BT
12/16:00:00.40 OOOOOOONNNN
12/16:00:00.60 ZNR UUUUU
12/16:00:00.60 O 121600Z MAY 03
12/16:00:00.60 FM JWID 03
12/16:00:00.60 TO CAMP SMITH GCCS
12/16:00:00.60 BT
12/16:00:00.60 UNCLAS
12/16:00:00.60 MSGID/GND ENEMY 1/JUNIT/0001/MAY/JWID 03
12/16:00:00.70 JUNIT/T1046/A CO 1ST BN 530 LT INF RGT/INF/BN/ARM/INF/SD/24
12/16:00:00.70 ///RPT000001046/3
Command:
Display Goto Eol High Unhigh Search Vsl Print Format Margin Td Exit [Alt-N]
```

HIGHLIGHT VIEWTDF

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
12/16:00:00.00 ZNR UUUUU
12/16:00:00.00 O 121600Z MAY 03
12/16:00:00.00 FM JWID 03
12/16:00:00.00 TO CAMP SMITH GCCS
12/16:00:00.00 BT
12/16:00:00.00 UNCLAS
12/16:00:00.00 MSGID/FIX ENEMY 1/JUNIT/0001/MAY/JWID 03
12/16:00:00.10 JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT000000032/3
12/16:00:00.10 JPOS/121550Z4/MAY/332924.24S9/1434730.17E0/OTH/186.3T/1NM/1NM/0T/
12/16:00:00.20 JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT000000032/3
12/16:00:00.30 JPOS/121550Z4/MAY/332837.2S8/1434710.14E5/OTH/291.8T/1NM/1NM/0T/0
12/16:00:00.40 ENDAT/DECL OADR
12/16:00:00.40 BT
12/16:00:00.40 ooooooNNNN
12/16:00:00.60 ZNR UUUUU
12/16:00:00.60 O 121600Z MAY 03
12/16:00:00.60 FM JWID 03
12/16:00:00.60 TO CAMP SMITH GCCS
12/16:00:00.60 BT
12/16:00:00.60 UNCLAS
12/16:00:00.60 MSGID/GND ENEMY 1/JUNIT/0001/MAY/JWID 03
12/16:00:00.70 JUNIT/T1046/A CO 1ST BN 530 LT INF RGT/INF/BN/ARM/INF/SD/24
12/16:00:00.70 ///RPT000001046/3
Command:
Display Goto Eol High Unhigh Search Vsl Print Format Margin Td Exit [Alt-N]
```

HIGHLIGHT MENU

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
12/16:00:00.00 ZNR UUUUU
12/16:00:00.00 O 121600Z MAY 03
12/16:00:00.00 FM JWID 03
12/16:00:00.00 TO CAMP SMITH GCCS
12/16:00:00.00 BT
```

#	Highlight String	Foreground	Background
[1]	MSGID	GREEN	WHITE
[2]			
[3]			
[4]			
[5]			
[6]			
[7]			
[8]			
[9]			
[10]			
[11]			
[12]			

```
12/16:00:00.70 JUNIT/T1046/A CO 1ST BN 530 LT INF RGT/INF/BN/ARM/INF/SD/24
12/16:00:00.70 ///RPT000001046/3
Command:
Display Goto Eol High Unhigh Search Vsl Print Format Margin Td Exit [Alt-N]
```

VIEWTDF NO TIMES

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```
ZNR UUUUU♪♫◙
O 121600Z MAY 03♪♫◙
FM JWID 03♪♫◙
TO CAMP SMITH GCCS♪♫◙
BT♪♫◙
UNCLAS♪♫◙
MSGID/FIX ENEMY 1/JUNIT/0001/MAY/JWID 03♪♫◙
JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT000000032/3♪♫◙
JPOS/121550Z4/MAY/332924.24S9/1434730.17E0/OTH/186.3T/1NM/1NM/0T/0K♪♫◙
JUNIT/T0032/SA 10 103/SAM/BTY/ARM/SAM/SD/24///RPT000000032/3♪♫◙
JPOS/121550Z4/MAY/332837.2S8/1434710.14E5/OTH/291.8T/1NM/1NM/0T/0K♪♫◙
ENDAT/DECL OADR♪♫◙
BT♪♫◙
◙◙◙◙◙◙◙NNNN♪♫◙
ZNR UUUUU♪♫◙
O 121600Z MAY 03♪♫◙
FM JWID 03♪♫◙
TO CAMP SMITH GCCS♪♫◙
BT♪♫◙
UNCLAS♪♫◙
MSGID/GND ENEMY 1/JUNIT/0001/MAY/JWID 03♪♫◙
JUNIT/T1046/A CO 1ST BN 530 LT INF RGT/INF/BN/ARM/INF/SD/24♪♫◙
///RPT000001046/3♪♫◙
Command:TD
Display Goto Eol High Unhigh Search Vsl Print Format Margin Td Exit [Alt-N]
```

VIEWTDF HEX VIEW

C:\Documents and Settings\All Users\Desktop\Repeat\Classic\COM EDIT.lnk

```
12/16:00:00.00 5A 4E 52 20 55 55 55 55 55 0D 0D 0A 4F 20 31 32  ZNR UUUUU♪♪◙◙O 12
12/16:00:00.00 31 36 30 30 5A 20 4D 41 59 20 30 33 0D 0D 0A 46  1600Z MAY 03♪♪◙◙F
12/16:00:00.00 4D 20 4A 57 49 44 20 30 33 0D 0D 0A 54 4F 20 43  M JWID 03♪♪◙◙TO C
12/16:00:00.00 41 4D 50 20 53 4D 49 54 48 20 47 43 43 53 0D 0D  AMP SMITH GCCS♪♪
12/16:00:00.00 0A 42 54 0D 0D 0A 55 4E 43 4C 41 53 0D 0D 0A 4D  ◙BT♪♪◙◙UNCLAS♪♪◙◙M
12/16:00:00.00 53 47 49 44 2F 46 49 58 20 45 4E 45 4D 59 20 31  SGID/FIX ENEMY 1
12/16:00:00.10 2F 4A 55 4E 49 54 2F 30 30 30 31 2F 4D 41 59 2F  /JUNIT/0001/MAY/
12/16:00:00.10 4A 57 49 44 20 30 33 0D 0D 0A 4A 55 4E 49 54 2F  JWID 03♪♪◙◙JUNIT/
12/16:00:00.10 54 30 30 33 32 2F 53 41 20 31 30 20 31 30 33 2F  T0032/SA 10 103/
12/16:00:00.10 53 41 4D 2F 42 54 59 2F 41 52 4D 2F 53 41 4D 2F  SAM/BIY/ARM/SAM/
12/16:00:00.10 53 44 2F 32 34 2F 2F 2F 52 50 54 30 30 30 30 30  SD/24///RPT00000
12/16:00:00.10 30 30 33 32 2F 33 0D 0D 0A 4A 50 4F 53 2F 31 32  0032/3♪♪◙◙JPOS/12
12/16:00:00.20 31 35 35 30 5A 34 2F 4D 41 59 2F 33 33 32 39 32  1550Z4/MAY/33292
12/16:00:00.20 34 2E 32 34 53 39 2F 31 34 33 34 37 33 30 2E 31  4.24S9/1434730.1
12/16:00:00.20 37 45 30 2F 4F 54 48 2F 31 38 36 2E 33 54 2F 31  7E0/OTH/186.3T/1
12/16:00:00.20 4E 4D 2F 31 4E 4D 2F 30 54 2F 30 4B 0D 0D 0A 4A  NM/1NM/0T/0K♪♪◙◙J
12/16:00:00.20 55 4E 49 54 2F 54 30 30 33 32 2F 53 41 20 31 30  UNIT/T0032/SA 10
12/16:00:00.20 20 31 30 33 2F 53 41 4D 2F 42 54 59 2F 41 52 4D   103/SAM/BIY/ARM
12/16:00:00.30 2F 53 41 4D 2F 53 44 2F 32 34 2F 2F 2F 52 50 54  /SAM/SD/24///RPT
12/16:00:00.30 30 30 30 30 30 30 30 30 33 32 2F 33 0D 0D 0A 4A  00000000032/3♪♪◙◙J
12/16:00:00.30 4F 53 2F 31 32 31 35 35 30 5A 34 2F 4D 41 59 2F  OS/12155OZ4/MAY/
12/16:00:00.30 33 33 32 38 33 37 2E 32 53 38 2F 31 34 33 34 37  332837.2S8/14347
12/16:00:00.30 31 30 2E 31 34 45 35 2F 4F 54 48 2F 32 39 31 2E  10.14E5/OTH/291.
```

Command:

Display Goto Eol High Unhigh Search Vsl Print Format Margin Td Exit [Alt-N]